

### Bulk Densities

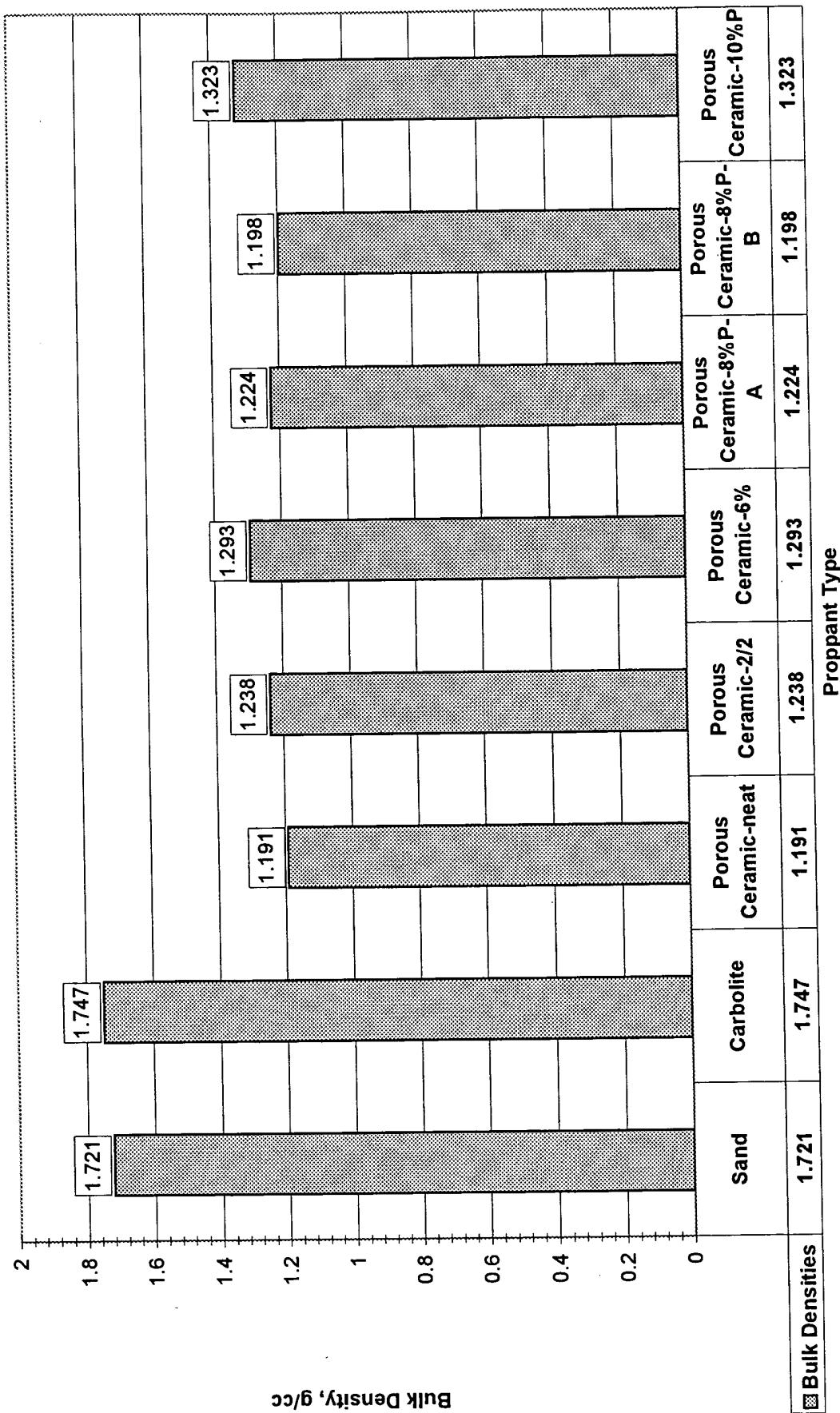
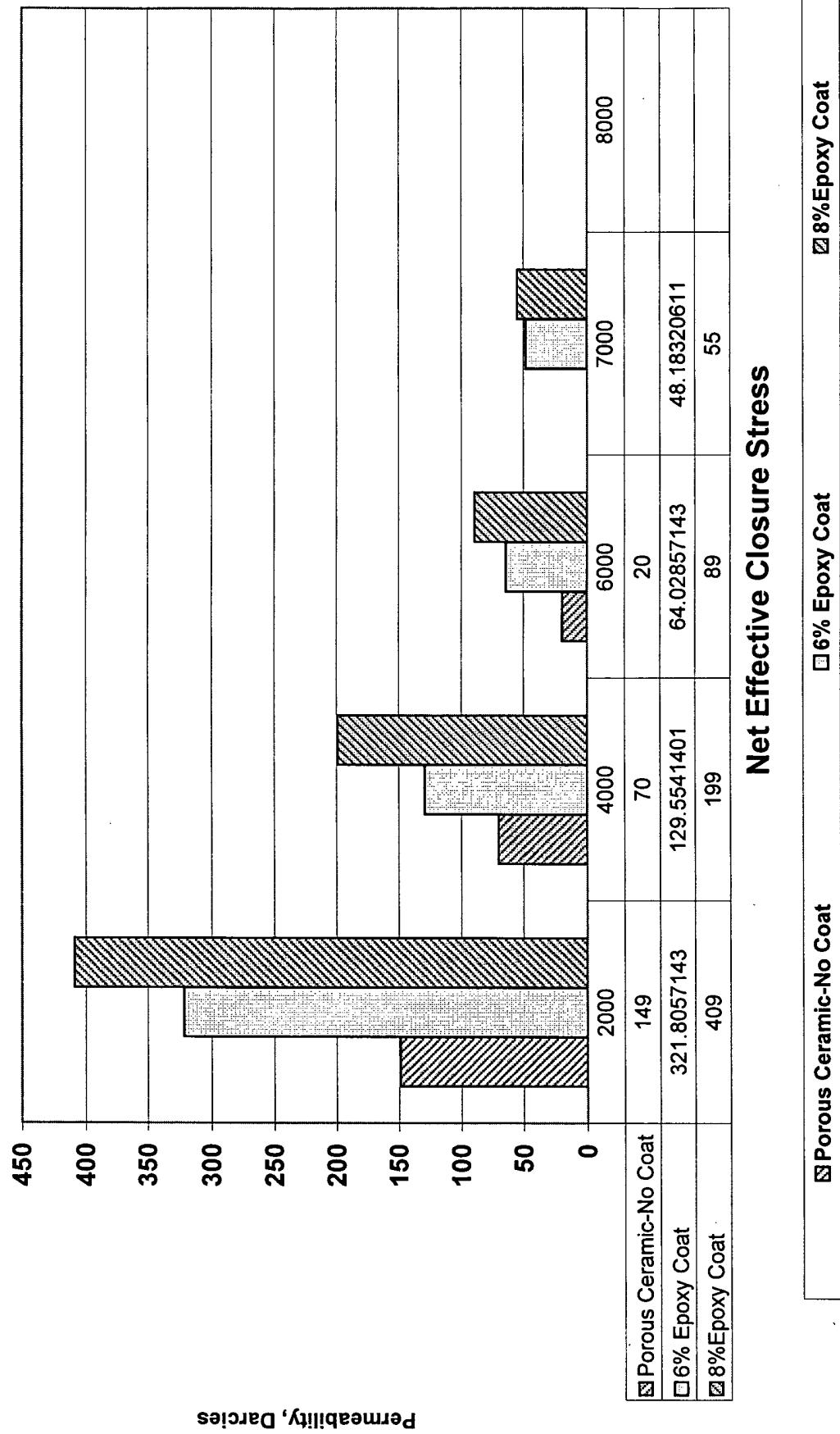
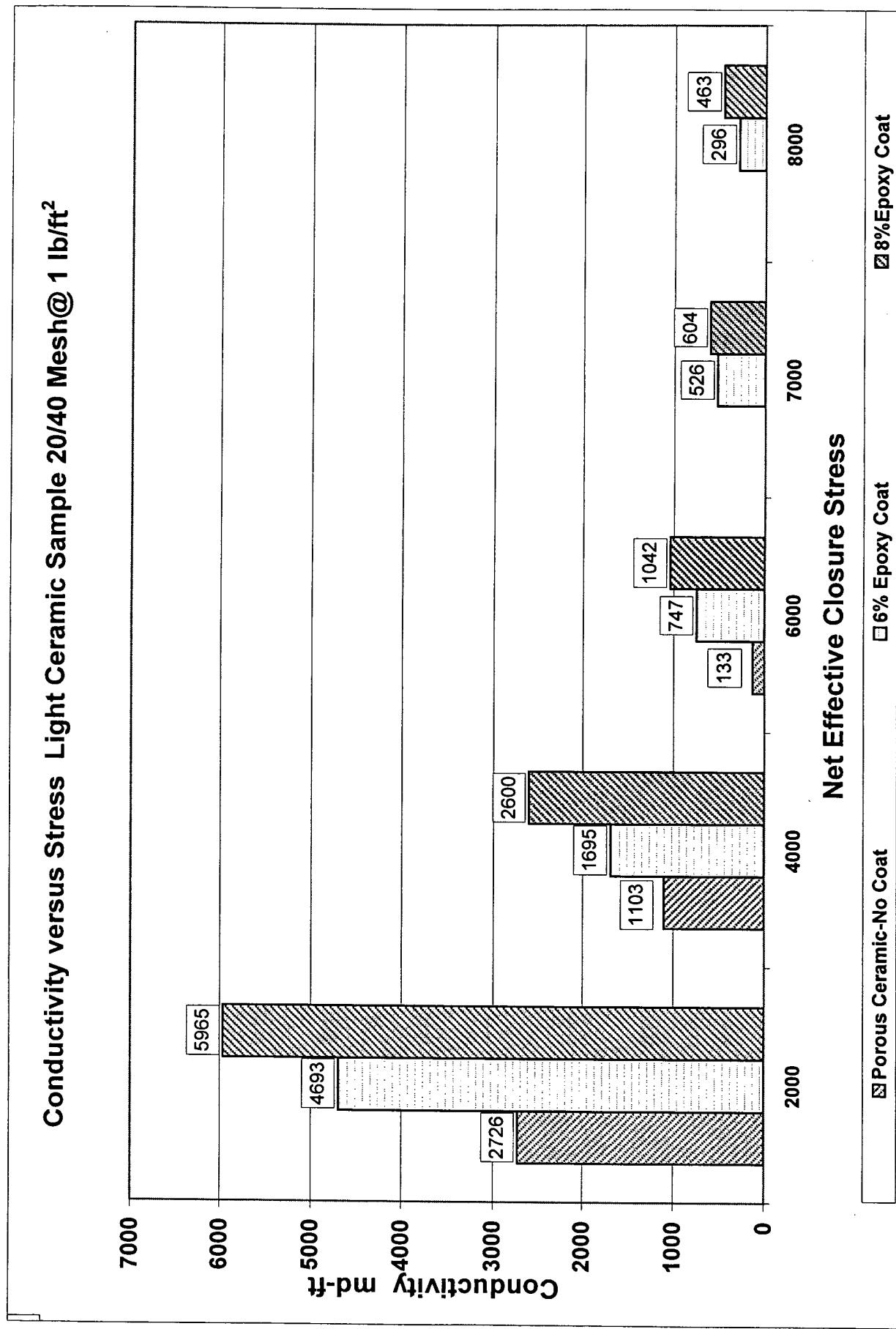


FIG. 1

**Permeability versus Stress Light Ceramic Sample 20/40 Mesh@ 1 lb/ft<sup>2</sup>**

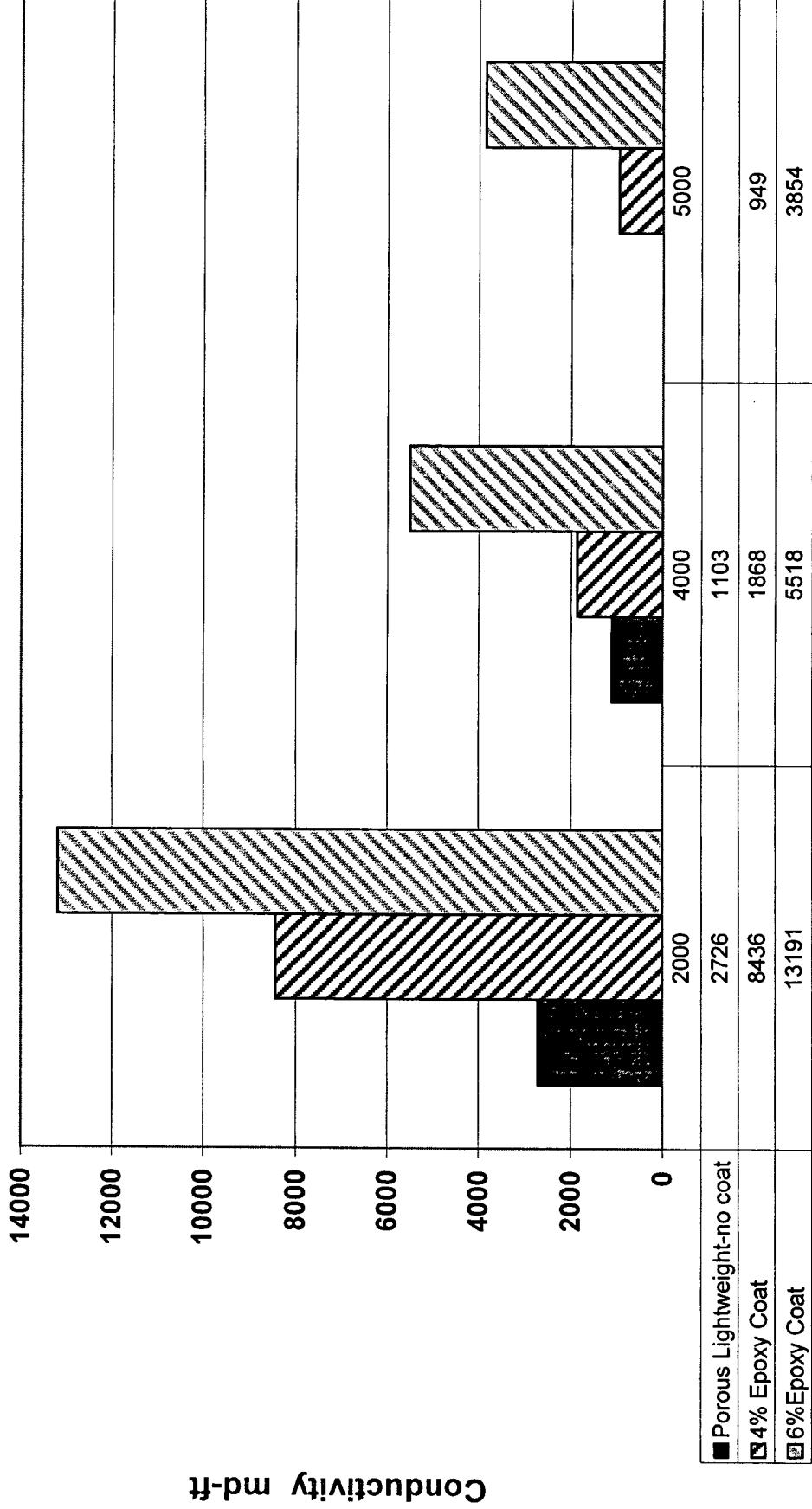


**FIG. 2**



**FIG. 3**

### Conductivity versus Stress Light Ceramic Sample 20/40 Mesh@ 2 lb/ft<sup>2</sup>



### Net Effective Closure Stress

	■ Porous Lightweight-no coat	▨ 4% Epoxy Coat	▣ 6% Epoxy Coat
Net Effective Closure Stress	2	4	5

FIG. 4

### Permeability versus Stress Light Ceramic Sample 20/40 Mesh@ 1 lb/ft<sup>2</sup>

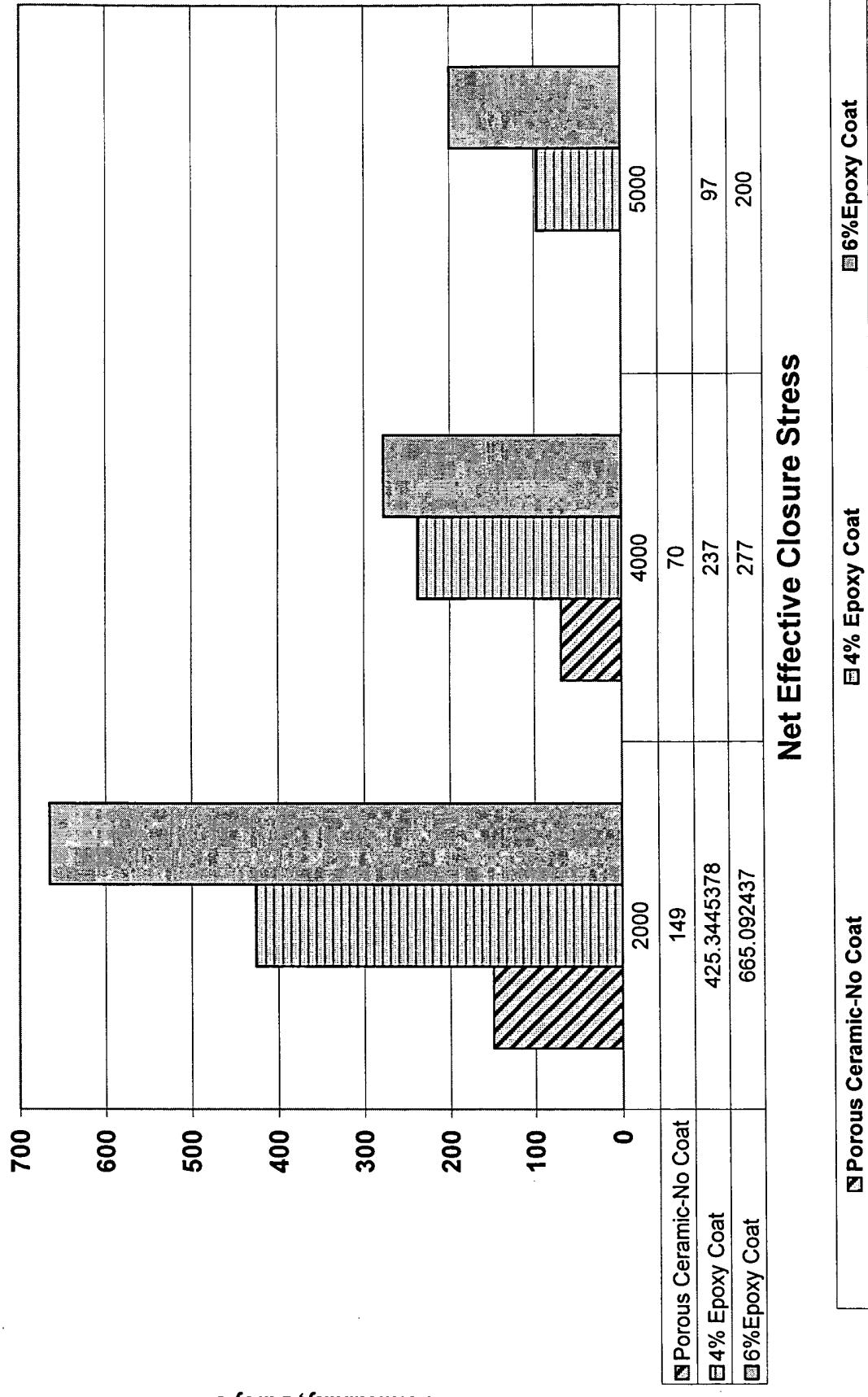


FIG. 5

Porous Lightweight Ceramic Conductivity vs. Resin/Epoxy  
@ 1lb/ft<sup>2</sup>

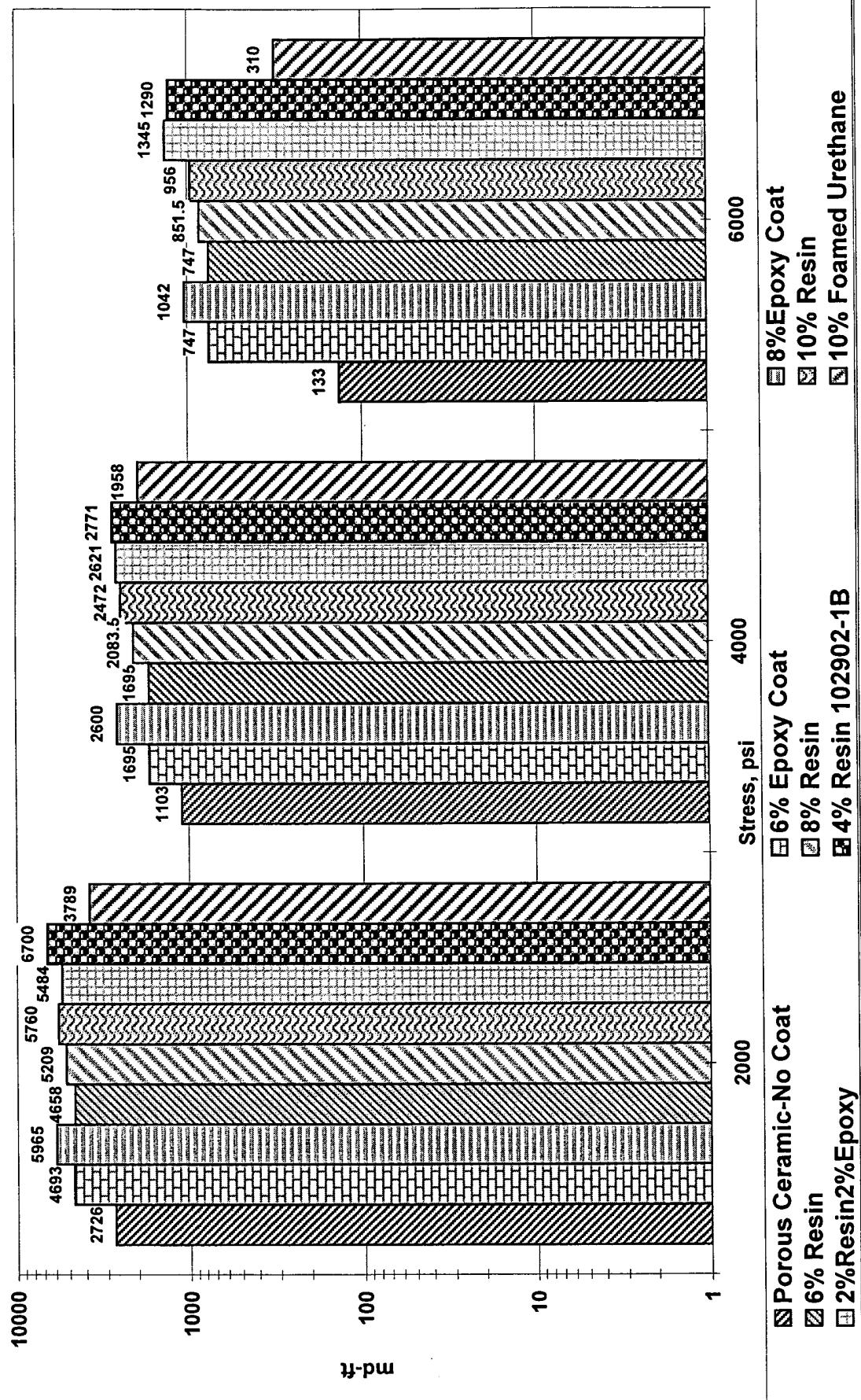


FIG. 6

FIG. 7

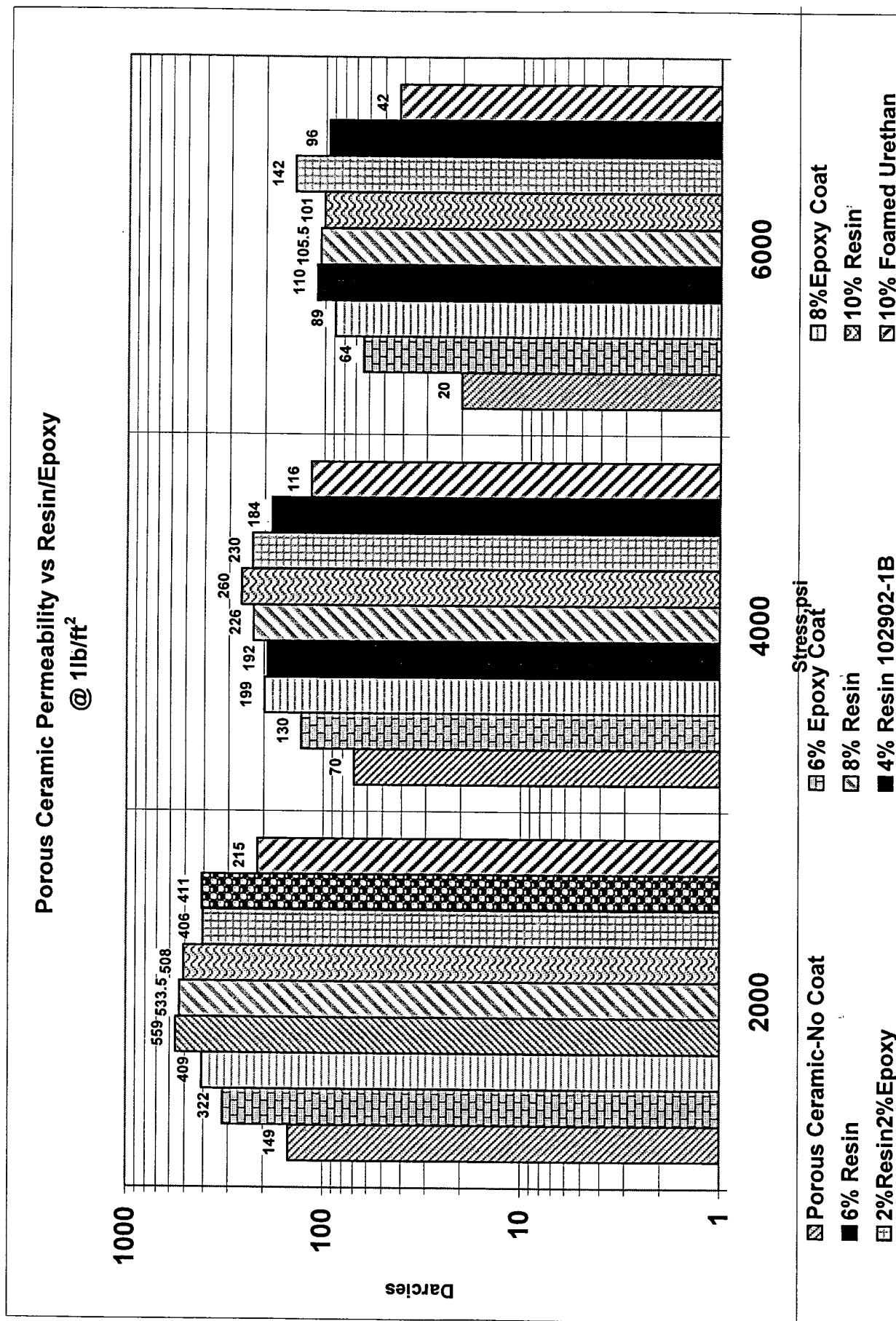
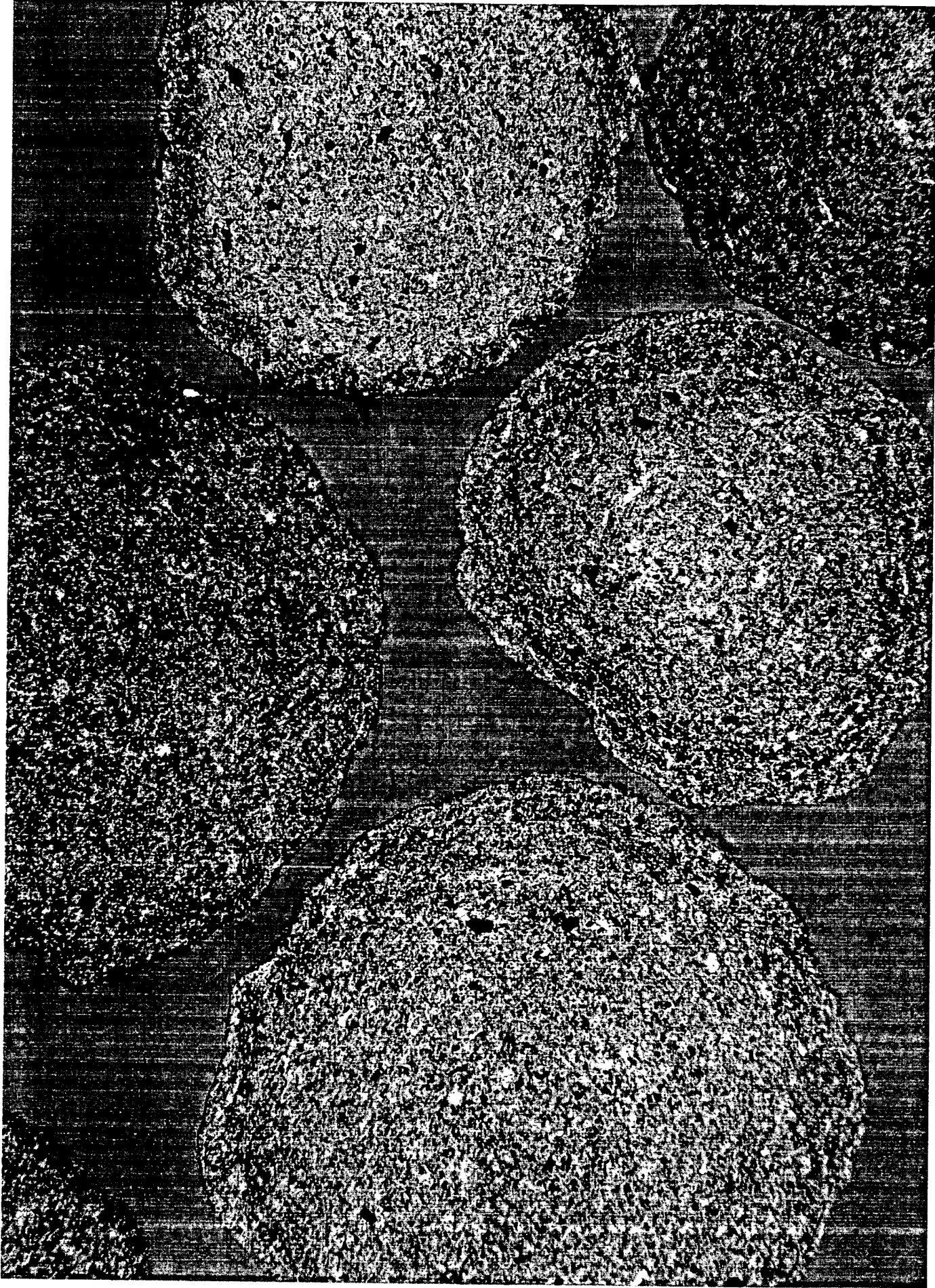




FIG. 8

FIG. 9



F

FIG. 10

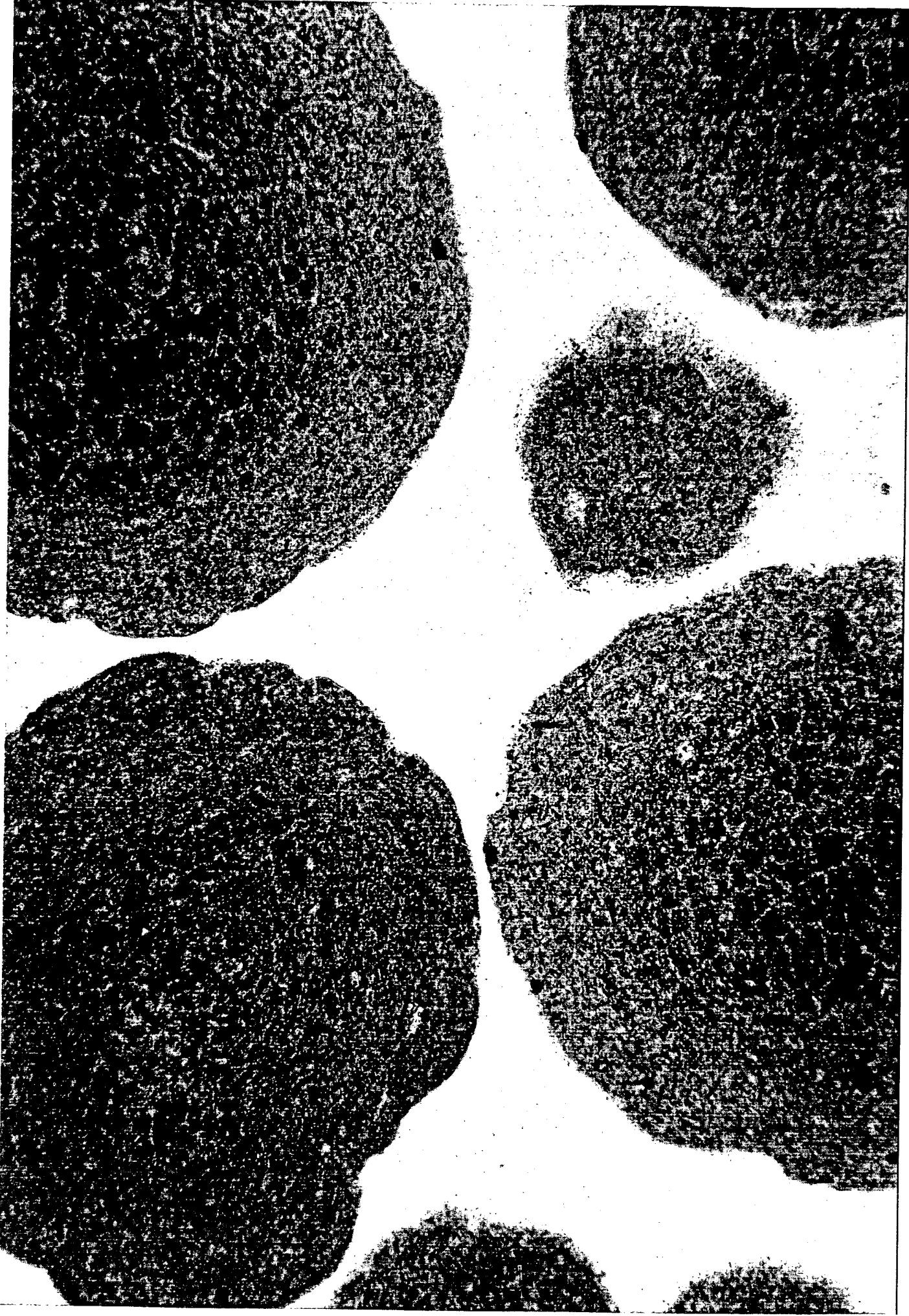


FIG. 11



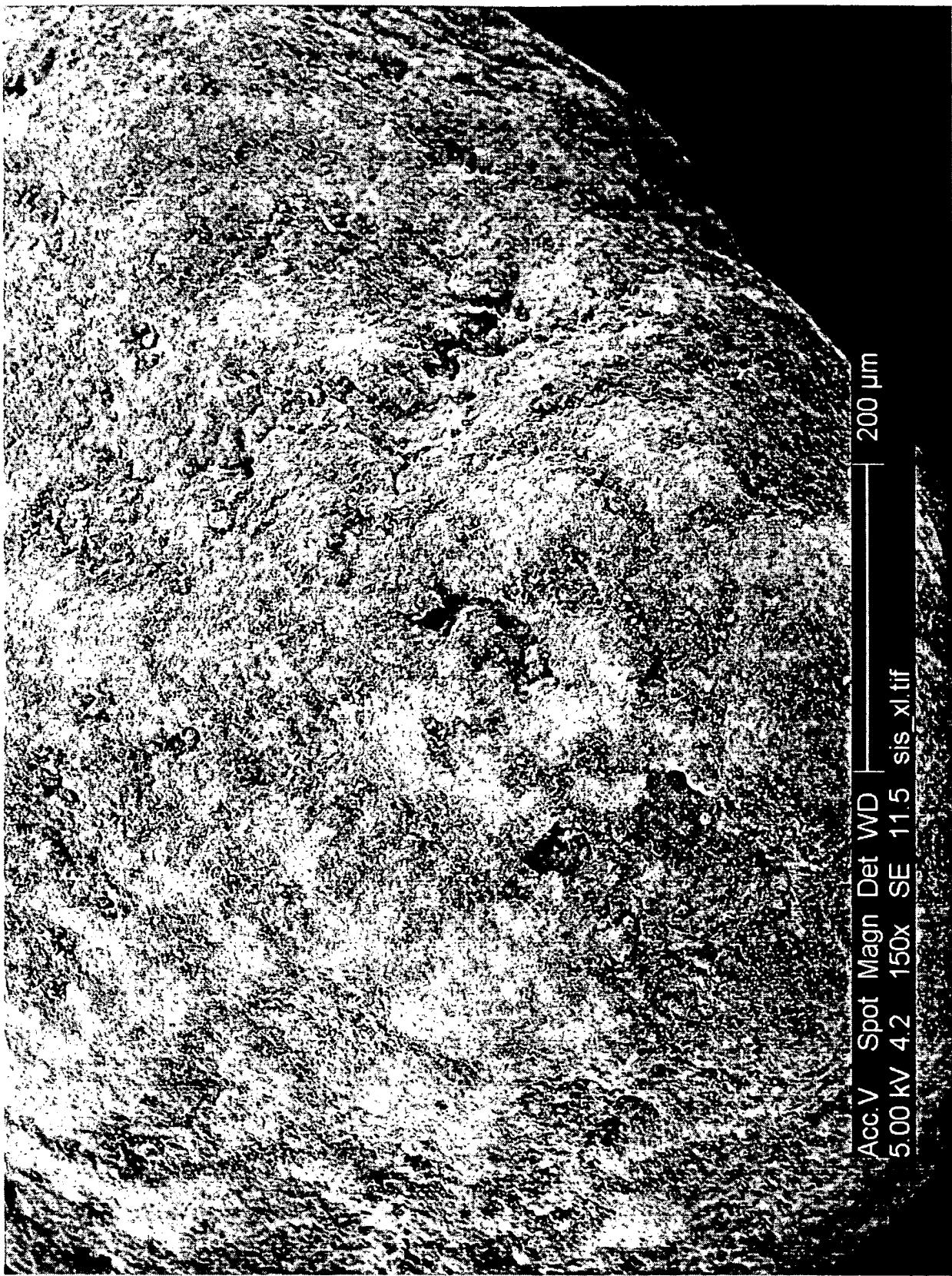


FIG. 12



FIG. 13

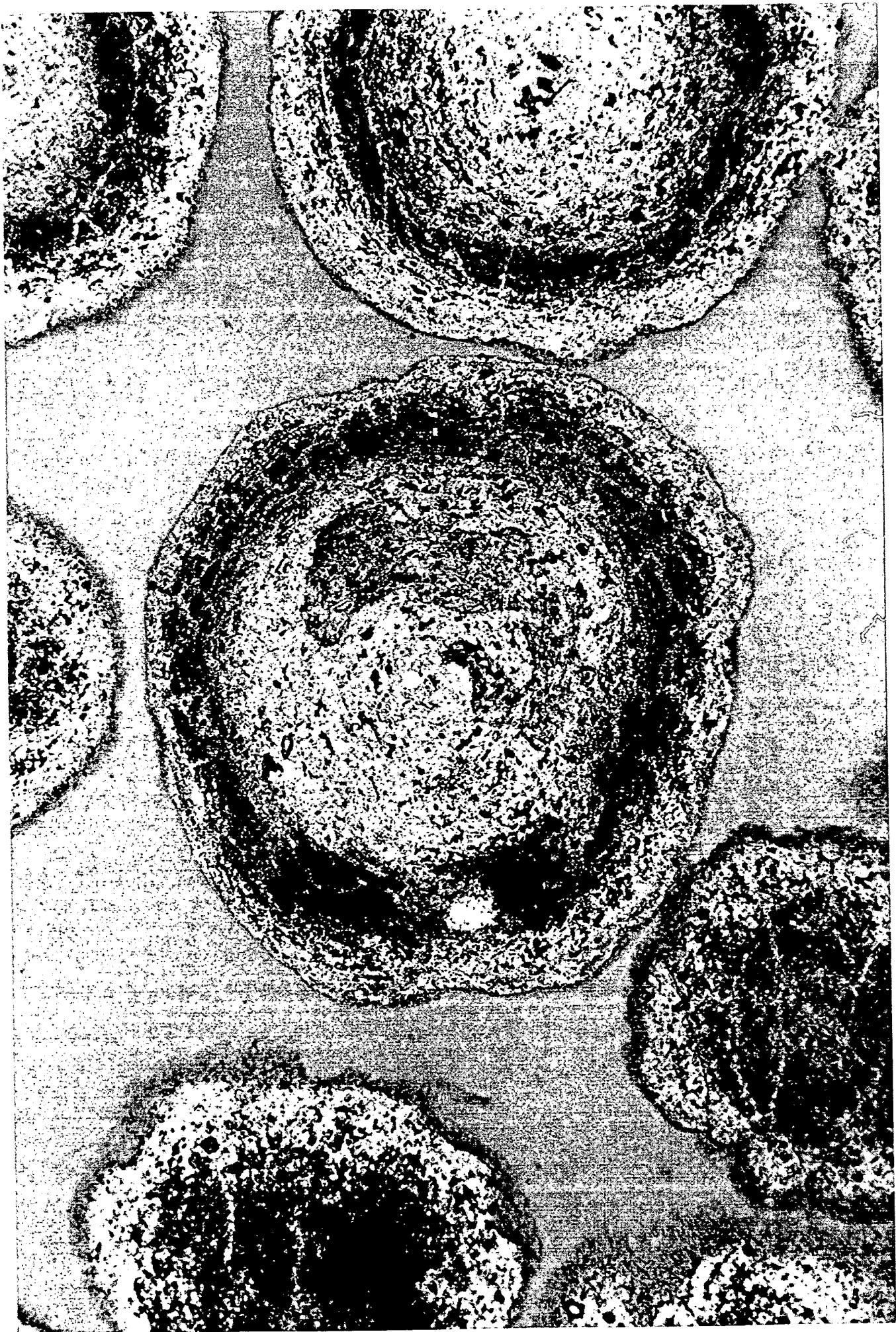
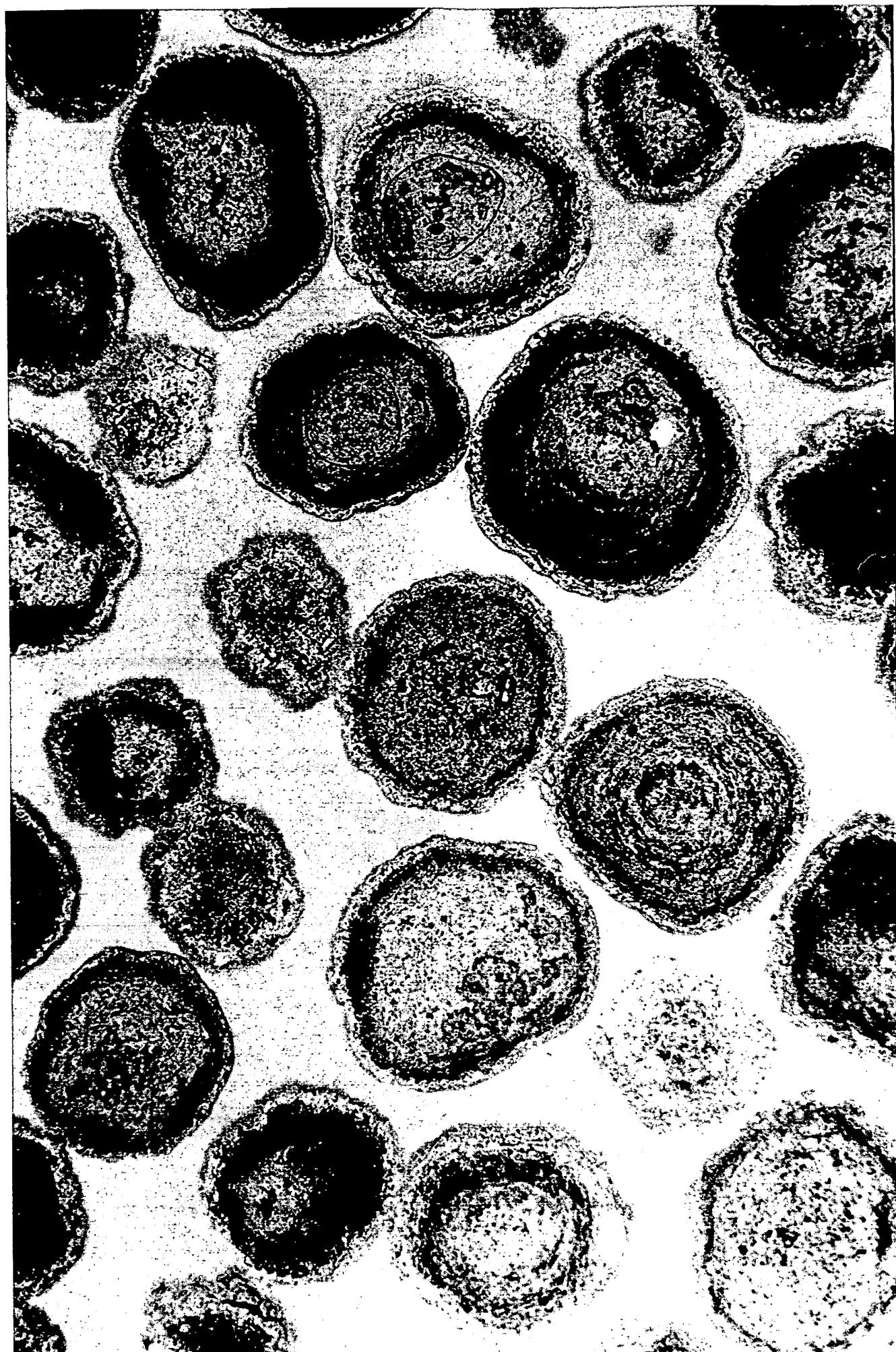
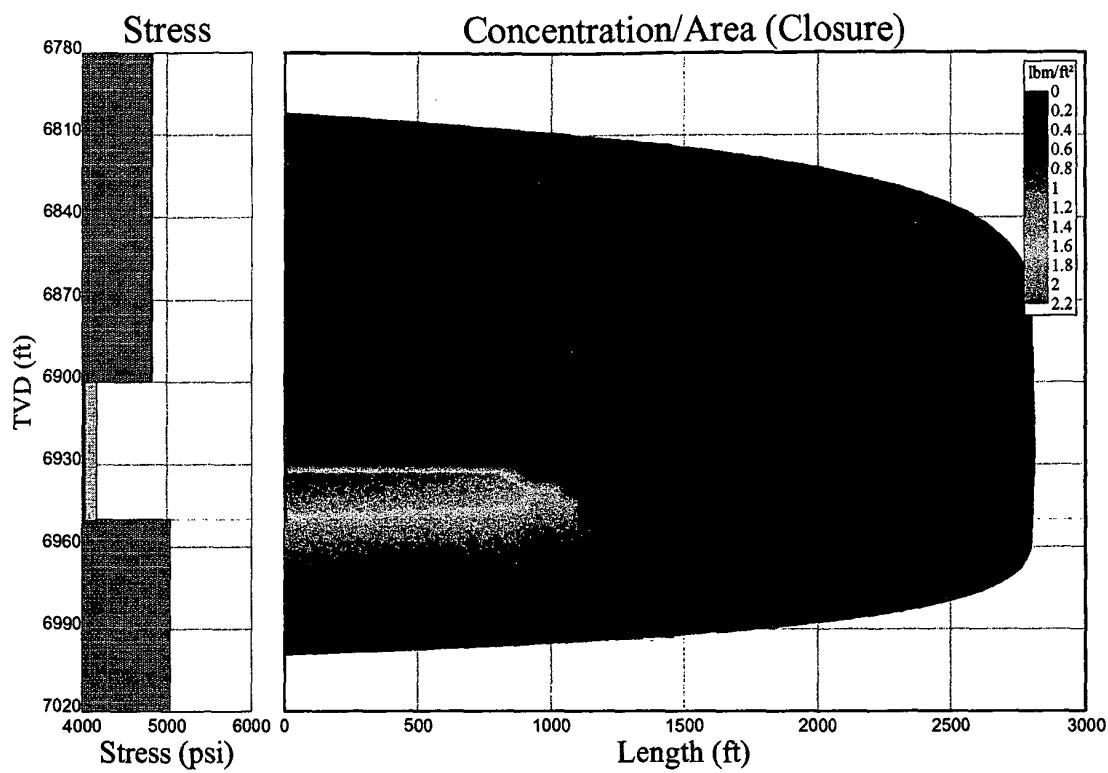


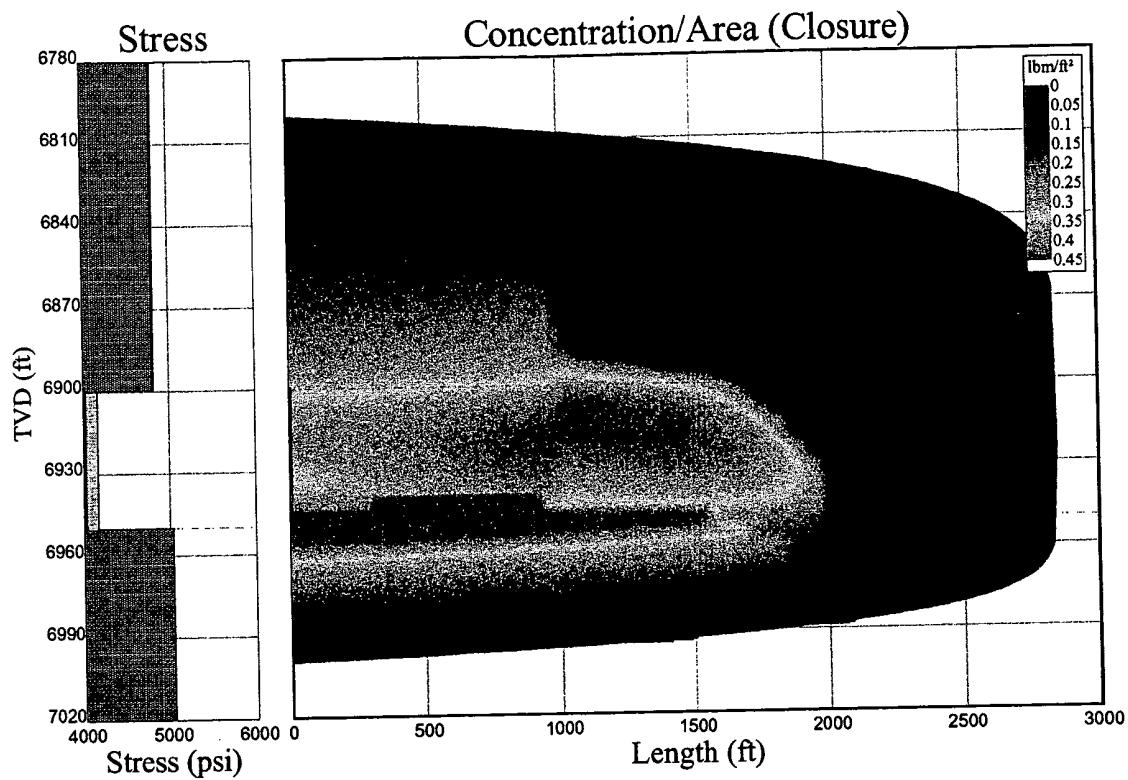
FIG. 14

FIG. 15





**FIG. 16**



**FIG. 17**